

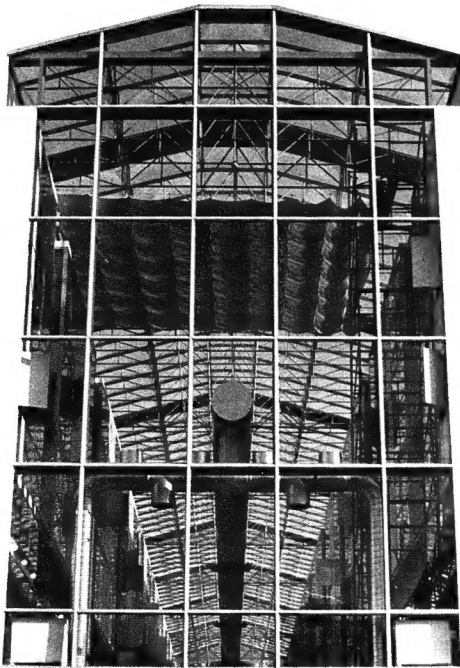
# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN



EDMONTON, ALBERTA

DECEMBER 12, 1974



## A BRIGHTER FUTURE AHEAD

When HUB, the innovative retail and housing complex owned by the Students' Union, opened in late 1972, traces of worry could be found amidst the enthusiastic projections of the building's success. A few people felt that perhaps the concept—involving a financial commitment of almost \$7,000,000—was a bit too ambitious for the Students' Union to undertake and for the University as a whole to underwrite. Perhaps the University was not the ideal setting for such a complex.

The first year of HUB's operation appeared to confirm the doubters' suspicions. Retail traffic did not materialize in volumes sufficient to support the wide variety of stores and shops, and many tenants worried about being forced to close. Residential tenants found the building's management generally inexperienced, and unresponsive and inaccessible when complaints arose. There also were significant parking problems for tenants as well as customers.

The combined problems took their toll. From March 1973 to March 1974 HUB incurred a net deficit of approximately \$230,000. The deficit forced the Students' Union to curtail severely its other services, including the

planned CKSR FM-Stereo station, as well as for numerous clubs and organizations traditionally funded by the Students' Union. It was serious enough to place the future of the Students' Union in doubt. The future remains cloudy, as the projected deficit for the fiscal year ending March 31, 1975 is \$300,000.

Yet just as there were hints of worry about the future upon HUB's opening, today there are unmistakable signs of optimism. Here and there genuine enthusiasm—albeit tempered by experience—permeates the clouds of the future.

PATTI KING, Assistant Manager of HUB, assumed her duties as general overseer/trouble-shooter/manager of the complex in the spring of 1974 and is unabashedly optimistic about HUB's future. "It's a fantastic concept," she says. "It has great potential both as a place to live and as a shopping mall." She notes that more than two-thirds of the retail space is now open and operating, and "all but a few of the smallest spaces will be open soon."

One of the largest retail spaces on the mall opened December 4. Known as "Tuck Shop II," it is a restaurant-lounge (licensed for beer and wine) owned and operated by the Students' Union. In addition to being a revenue producer in its own right, it is expected to increase retail traffic on the mall, especially during slow periods.

With or without Tuck Shop II, the retailers on the mall are more optimistic now than before. ROSE RODEWALT, owner of the Candelier, Card and Gift, Ltd., was one of HUB's earliest tenants. She has noticed a steady increase in business, especially in the last few months. Not all of the problems encountered by HUB merchants are the fault of HUB, she feels. "Merchandising practices are different here than in other shopping centres," she says. "Most of my customers are students, and students are a different kind of clientele from those in other parts of the city; so you must cater to students."

MARY ANN WRIGHT, owner of the Plant Cupboard which opened in September, is "very happy about what has happened." The nature of her store—house plants—has helped considerably, she says; but she feels that HUB is simply a great location with a good variety of stores. "If I have another day like that one," she says, referring to a recent Saturday, "I'll have to double the size of the shop!"

The expansion of other stores, including at

least one clothing boutique and one restaurant (each opened another store elsewhere on the mall), and the general longevity of others, attest to the basic appeal of HUB. As Ms. King notes, more and more people are telling other people about HUB and its variety of services.

Residents of HUB's 424 apartment units seem to be happier about the complex too. Landlord-tenant relationships apparently bottomed out early in September; at that point members of the Students' Union executive toured HUB to gain first-hand information on  
(Continued on page two)

## AGENDA FOR GENERAL FACULTIES COUNCIL MEETING

*The following agenda has been received from MARGARET MIDGLEY, Secretary to General Faculties Council.*

A meeting of General Faculties Council will be held Monday, December 16, 1974 at 2 p.m. in the Council Chamber, University Hall.

1. Approval of the agenda.
2. Approval of the Minutes of October 30, 1974.
3. Question period.
4. Executive Committee Report: 4.1 Minutes of November 18, 1974.

*Matters deferred from November 25, 1974*

5. Board Joint Committee on University Legislation: second report.
6. Administrative and Professional Officer Regulations: proposed amendments.
7. Housing and Food Services Committee: report.

*New matters*

8. Nominating Committee: report.
9. Selection Committee for Dean of Law: request for change in composition.
10. Selection Committee for Director of Extension: proposed composition.
11. Faculty of Graduate Studies and Research: appointment of an *ex officio* member to Council.
12. Authority delegated by General Faculties Council to its committees.

*For information*

13. Report of the General Faculties Council Committee on Student Stress: subsequent submissions.
14. Other business.

(Continued from page one)

living conditions there. What they saw generally bore out tenants' complaints. Steps were taken immediately to resolve as many problems as could be accommodated under present budgetary restrictions.

More than one resident had complained that previous tenants had vacated leaving the apartment, in the words of one, "a disgusting mess." Apparently few efforts had been made by tenants to clean their apartments before vacating them. In other cases, many vacating residents were assessed for damages which existed when they had moved into HUB, and considerable anger was generated.

"Most of those who were overcharged in this way have been reimbursed," says Ms. King, emphasizing her belief in the accessibility of HUB's new management. "We're in the process of taking care of the other complaints. We've cleaned almost all of the rugs and, as soon as we can afford it, we'll begin painting."

Maintenance is a problem as well, but in this instance the culprit is Alberta's enviable employment situation. "There simply aren't enough maintenance people available," says Ms. King, "but we're struggling along, and things seem to be getting better all the time."

Students' Union President JOE MCGHIE and Vice-President (Finance and Administration) JACK REDEKOP, looking at HUB from a different perspective, agree. "It does seem that people are more optimistic about HUB," says Mr. McGhie, "both residents and merchants. Of course, there is lots to be done yet."

Mr. Redekop feels that Tuck Shop II will help considerably to offset the deficit HUB has incurred. "It cost us about \$100,000 to outfit," he says, "and this was a real drain on our cash resources, but in the long run the situation is brighter."

Mr. Redekop and Mr. McGhie regard HUB in the context of the entire Students' Union; hence their worries encompass a wider range of activities and services. They are determined, however, not to let HUB drain the complete organization; they are doing everything possible to put HUB on a profitable base. With hard work by all, the overall deficit will reduce itself year by year, if not month by month. In addition, notes Mr. McGhie, the Alberta government is aware of the situation and, hopefully, is looking sympathetically at the plight of the Students' Union.

In any case, adds Mr. Redekop, "We're optimistic—cautiously optimistic."

## COMMITTEE TAKES STEPS TO RELIEVE CROWDING

While store-front space with limited potential for office use has remained readily available in HUB since its opening late in 1972, certain administrative departments on campus have been waging a losing battle with space allocation problems.

Recent submissions to the Office of the Vice-President (Planning and Development) indicate that severe space restrictions have already had, or soon will have, a deleterious effect on the operations of the offices of Administrative Systems, the Registrar, the Comptroller, Personnel Services and Staff Relations, and the Secretariat.

In response to the complaints, the Board of Governors Building Committee has resolved:

1. That negotiations with the Students' Union be initiated to obtain a lease of the third floor of the Students' Union Building and a further room on the second floor that has direct access to it from the third floor level;
2. That further consideration be given to the potential use of space in HUB; and
3. That the status quo be maintained in respect to the Campus Tower lease with the view of utilizing the remaining space of approximately 7,000 sq. ft. on a short term basis with minimal capital cost expenditure. (The University's lease expires October 31, 1976.)

The space in the Students' Union Building (SUB) will be allocated to the Office of Personnel Services and Staff Relations, which presently occupies 2,746 sq. ft. in the Administration Building. Although it has been projected that Personnel will require 3,995 sq. ft. in 1975-76, Associate Director J.B. CAUNT has said the office will be able to function adequately in the 3,500 sq. ft. available in SUB.

The third floor of SUB, however, is only minimally completed at present, formerly having been used as the Students' Union



*"It's the old 'un."*

ceramics studio. Alterations will be required at an estimated cost of \$44,900.

Moving Personnel out of the Administration Building will provide additional space for the other departments now located there, but the projections for 1975-76 indicate that conditions still will be somewhat less than ideal. The additional space required by Administrative Systems (730 sq. ft.), the Comptroller (850 sq. ft.), and the Registrar (3,075 sq. ft.) adds up to a figure much higher than the amount of space to be vacated by Personnel.

At the November 20 meeting of the Board Building Committee, Professor of Law B.M. BARKER asked whether the additional space was "required or desired." He said space is being taken over for administrative purposes at an alarming rate, particularly in the Faculty of Law, implying that the growth of the administrative departments being discussed should be rationalized.

G.L. MOWAT, Acting Vice-President (Planning and Development), agreed to document the additional space requests at a special Building Committee meeting scheduled for November 28. He subsequently provided the Committee with correspondence received from the departments involved. Excerpts follow:

### ADMINISTRATIVE SYSTEMS

"It seems that over the past few years the name of the game in the Administration Building is to accommodate all other occupants by giving the Office of Administrative Systems all the bits no one else wanted. Indeed, it is in some way

# FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

Published every Thursday for the staff and interested persons by the University Publications Office. Copyright 1974.

Marcy Davies, Editor

FOLIO Policy Committee: E.D. Hodgson (Professor of Educational Administration), J.W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

Staff: Jeanette Rothrock (Acting Publications Officer), David Norwood (Writer), Norma Gutteridge (Copy Editor), Arlene Holberton (Editorial Assistant), Richard Kerr (Design Editor)

Business Manager: A.S. Knowler (Chief Accountant, Office of the Comptroller)

FOLIO OFFICE Telephone 432-4991  
326 Assiniboia Hall, The University of Alberta

Printed by the Printing Department

Photographic lab work by Technical Services

a miracle of minor proportions that the Office of Administrative Systems still has an identifiable area on the first floor to call its own. My strong conviction is that it is impossible to operate an efficient department which effectively serves the needs of other administrative departments when it is physically located in six different places which are entirely unconnected. This aggravates communications and morale problems, especially when the standard of some of the spaces leaves much to be desired."

#### OFFICE OF THE COMPTROLLER

"We have received direction from the Administrative Review Committee of the Board of Governors to have incoming suppliers' invoices directed to the Comptroller's Office rather than to the Purchasing Department, as has been the custom for many years. This change in procedure, which will be taking place during the forthcoming winter, will necessitate the transfer of about four people from the Purchasing Department, along with the acquisition of several filing cabinets to house the purchase order copies with which our Accounts Payable Division will be required to work. Fortunately we have just enough space in our Accounts Payable Division to accommodate this transfer of personnel and equipment.

"We have recently learned that the Province of Alberta is intending to drop the pre-audit of all expenditure vouchers in this office, effective April 1, 1975. The above Board Committee is aware that when this action is taken it will be necessary for us to increase our accounting staff by two persons to fill the gap created by the Provincial Auditor's withdrawal from his present function. We can accommodate these two people in our general office.

"Mr. [M.A.] Rousell, who is the Administrator of the Academic Pension Plan, has been directed by the Trustees of the Plan to completely segregate the accounting records of the Plan from those of the overall University accounting system. This could result in a requirement for more personnel and space for our current Pension Division.

"In each of the above three instances this Office is required to add to its staff as the result of outside directives. By next April we will be once again in a fairly crowded position in most areas and in a definite crowded position in some, such as the Payroll Division."

#### OFFICE OF THE REGISTRAR

"On March 28, 1974 I wrote to Dr. [W.D.] Neal [former Vice-President (Planning and Development)] advising him of our critical shortage of space. Since that time the situation has been aggravated by the fact that General Faculties Council, on September 30,

1974, approved the reconstitution of the GFC Colleges Committee under the new name of Articulation Committee of The University of Alberta. . . The new committee's terms of reference are much broader than those of the previous committee, and it is acknowledged that special funding will have to be provided. This implies an expansion of the responsibilities and staff of the Admissions Policy and Education Liaison division of our office which is headed by Mr. [W.A.D.] Burns.

"Moreover, the recommendation of the Senate Task Force on Admissions that the University provide a Student Access Centre for prospective students has also been approved by General Faculties Council, and it is generally acknowledged that this centre would be organized and staffed by the Registrar's Office. This decision adds to our desperate need for more space in this building."

#### SECRETARIAT

"The vexed question of adequate space for the Secretariat has now reached the stage where I feel that I must advise the Chairman of General Faculties Council that I am no longer prepared to require some members of my staff to continue working under their present miserable conditions. . .

"The A/P Officer servicing UPC and ADC has a desk in a corner of a Campus Development Office which is shared by four other people. . .

"There are often two secretaries at one time endeavoring to listen to tapes and transcribing on typewriters. This cannot be done in the antechamber [of the Council Chamber] because of the noise. A soundproof area is required for such work. At present recording secretaries are to be seen wandering about University Hall searching for quiet corners in which to do their work. This means humping heavy equipment around from committee room to committee room, and often they are unable to find one empty. . .

"I desperately need to have filled a vacancy on my staff but when I do I have no place to put her. . . Since the walls of University Hall are not flexible, and since the many re-arrangements which have been examined have proved impractical, there appear to be only two solutions:

1. To relocate one of the groups which has no particular need to be in University Hall, or
  2. The Secretariat, of nine persons, must of necessity restrict its efforts to that work which can be done within the confines of the antechamber and a corner of the CDO room."
- Dr. Mowat's documentation also included statistics on the amount of University space allocated for administrative purposes. The figures have decreased from 2.272 percent in 1971 to 1.643 percent in 1974.

## BOARD OF GOVERNORS

The Board of Governors and the Board Executive Committee met Friday, December 6, 1974.

#### REPORT ON EXTENSION

Members approved the recommendations from General Faculties Council regarding the Department of Extension. (Recommendations 1-12 were published in the November 7 *Folio*; recommendations 13-15 appeared in the December 5 issue.)

The designation of Extension as a faculty and the governing structure of the Extension unit now must be approved by the Minister of Advanced Education.

#### NEW MEMBERS NAMED TO TRIUMF BOARD

Two new members have been appointed to the Board of Management of the Tri-University Meson Facility (TRIUMF). University President HARRY GUNNING will replace former president MAX WYMAN; and J.T. SAMPLE, Chairman of the Department of Physics, will replace H. SCHIFF, Professor of Physics. The University's continuing member on the board is K.B. NEWBOUND, Associate Dean of Science.

TRIUMF is a 500 million volt electron cyclotron located at the University of British Columbia. It is sponsored by the three British Columbia universities and this University.

#### ITEMS DEFERRED

Three items were deferred to later meetings: Proposed regulations regarding admission to quota faculties and schools; Proposal for a Dean of Inter-Faculty Affairs; and Report of the Committee on University Legislation.

## COMMERCE BUILDING: DECISION DEFENDED

The following article, entitled "The Business Administration and Commerce Site and the Long Range Plan," was written by G.L. MOWAT, Acting Vice-President (Planning and Development), for publication in "The Gateway" and "Folio."

The site of a proposed building for the Faculty of Business Administration and Commerce, first set in 1969, has attracted continuing discussion. Three times in the past 30 months it has been reviewed by the Campus Development Committee (CDC), and even within the past few weeks, as readers of *The Gateway* will know (issues of November 21 and 28), it has again been reconfirmed.

As on each previous occasion, the latest review involved much discussion and time and effort. Throughout several months and the course of successive meetings, members of CDC considered criticisms of the site and weighed carefully its pros and cons. Its

reappraisal developed through its comparison with other sites and, also, in terms of its suitability to other aspects of the Long Range Plan.

Comparison with alternate sites proceeded by reference to several criteria, chief of which were:

1. Academic relationships between the Faculty of Business Administration and Commerce and other faculties;
2. Proximity of sites to the Library most heavily used by Business Administration and Commerce; and
3. Effects of the building, on the various sites, upon adjacent buildings, courts, population density, traffic, and aesthetics.

All factors considered, CDC again concluded that the site selected ranked higher than other sites considered. Specifically, the majority of CDC members felt (as did The University of Alberta's planning consultant) that the placement of the BAC building on the site south of Tory would define and thereby enhance the "Arts Court" while also improving the appearance of and entry to the Tory Building.

Each specific decision, such as the siting of the BAC building, must also be assessed in relation to other aspects of the Long Range Plan. The site of HUB, the nature and the feasibility of its operation, as well as the northeast portion of a campus-wide system of enclosed pedestrian walkways, were years ago linked to intent to place the BAC building on the Tory site. To yield the chosen site for BAC in favor of another, in the absence of clear advantages in doing so, would be to abandon the Long Range Plan for little reason, or even to renege on an obligation to the Students' Union.

From yet another point of view, there is still some reason to consider protection of sites intended for other buildings. Admittedly, the Minister of Advanced Education has proposed a new limit to growth at The University of Alberta; but long range plans are seldom "done." They are, in fact, a series of plans for shorter terms, the last of which is directed towards achievement of the latest goal. Whether our next stage of growth will be our last will be determined by social and political events still unforeseen. Neither we, nor probably the Minister, see any imminent policy as surviving for all time. To make current decisions with some regard for the future, therefore, is in some respects to maintain the essence of a long range plan.

The unfinished portion of a long range plan is always open to review and never free of change. The process of development requires, therefore, consideration of each project, not only in its own right but also in relation to the whole.

Such was the case with the site for BAC. Scores of staff and students have been involved in this decision. Their efforts, and those of the current members of CDC, will stand up to close examination. To imply otherwise, as in the *Gateway* articles, is to do them grave injustice.

## RED CROSS EXTENDS THANKS

The University Publications Office recently received a letter from HENRY CUTHBERT, manager of the Edmonton branch of the Canadian Red Cross Society. Portions of his letter are reprinted below.

"On November 19 Mr. Norman Umar, President, Pakistan Students' Association, came to our office and turned over to me \$1,283.20, which his Association had collected for the Bangladesh Relief Fund.

"Since much of this money was collected in small amounts—25¢, 50¢, \$1, etc.—no receipts were issued, and it would be greatly appreciated by our Society if you could print an acknowledgment of this gift . . .

"There seems to be some doubt in the minds of some people at the University about the amount deducted for handling by our Society . . . The operations of the Society are paid for by the Edmonton United Way and by the citizens of other Alberta communities. No deductions are made from gifts such as this to pay any Society's expenses.

"The total of \$1,283.20 will be forwarded to the League of Red Cross Societies in Geneva, to be spent in total to help relieve the food and medical problems of the people of Bangladesh."

## PRINTING SERVICES TO INCREASE RATES

Inflation finally has caught up with Printing Services. A six percent increase in costs, originally scheduled to be implemented in April 1974, became effective December 1. J.R.T. GRANT, Co-ordinator of Printing Services, advises that all hourly labor and machine rates are affected by the increase.

The last increase in rates took place in October 1973. In addition, a further increase will be made on April 1, 1975 but it is impossible to estimate its magnitude at this time.

Mr. Grant also states that Printing Services' policy of absorbing overtime costs is being discontinued because of escalating expenses. Such charges as might be incurred through overtime can be avoided, he says, by giving Printing Services adequate time to produce a requested job.

## INTERNATIONAL CONGRESS TO BE HELD HERE

At the invitation of the Canadian Society of Soil Science, the Eleventh International Congress of Soil Science will be held in Edmonton during the last 10 days of June, 1978 with headquarters at The University of Alberta.

The Chairman and Vice-Chairman of the organizing committee of the Congress are, respectively, C.F. BENTLEY and J.A. TOOGOOD, Professors of Soil Science. Their positions on the organizing committee resulted in their election as President and Vice-President of the International Society of Soil Science at the Tenth Congress. This was held in Moscow, USSR in August and was attended by approximately 2,500 people representing more than 45 countries. A larger participation is expected at the Eleventh Congress in 1978.

## MOSQUITOES: A REGIONAL SHORT COURSE

A regional short course at the advanced graduate level on "Mosquitoes, their biology, control, and sensory organ morphology" will be offered at The University of Alberta February 25, 26, 27, and 28. It will be attended by selected graduate students who are registered at any one of the western Canadian universities.

The course will consist of two parts. The first will be a two-day seminar and work conference on research in mosquito biology, ecology, and control techniques. Aspects of biological and genetical control, and research on developmental inhibitors will be given by experts from Canada and the United States. This will be followed by a two-day practical course on the use of the Scanning Electron Microscope (SEM) as a tool for research on mosquitoes and other biting flies. Particular attention will be given to the use of the SEM for investigating the sensory organs that biting flies use in host-finding and feeding behavior. Students will prepare biting fly material for examination and photography with the SEM.

Further information will be provided to the selected graduate students in early February. The organizers of the course are D.A. CRAIG, Associate Professor of Entomology at The University of Alberta, and R.A. BRUST of the University of Manitoba.

---

## VISITORS

---

- KUNHIKO SAMEJIMA of Hokkaido University, Hokkaido, Japan is spending a year's study leave as Visiting Professor in the Department



of Food Science. During his stay, Professor Samejima will be working with F.W. WOLFE, Associate Professor of Food Science, on a study of meat proteins, in which field he has a number of publications. Professor Samejima also is interested in studying all phases of agricultural education related to dairying.

■ The Department of Physics was host recently to M.J. ZUCKERMAN of McGill University who spoke at a Theoretical Physics seminar.

## PEOPLE

■ L.C. GREEN, University Professor on leave from the Department of Political Science and serving as Academic in Residence in the Legal Division of the Department of External Affairs, Ottawa, gave a lecture on terrorism to the Department of Political Science at the University of New Brunswick in mid-November. He also presented a paper to the recently-held Conference of the Canadian Society for Asian Studies at Brock University.

■ JOHN KING-FARLOW, Professor of Philosophy, recently gave two talks at The University of Lethbridge.

■ R.C. BONVALET, Assistant Professor of

Romance Languages, will be chairing the meetings of French 8 ("French in North America") at the annual Modern Language Association convention to be held in New York City at the end of December.

■ C.F. BENTLEY, Professor of Soil Science, participated in International Centers Week in July which was concerned with management and support for the International Agricultural Research Institutes, which are now being given a primary responsibility in the endeavor to increase food production in tropical regions. Dr. Bentley is Chairman of the Governing Board of the International Crops Research Institute for the Semi-arid Tropics (ICRISAT), which has its research station near Hyderabad, India.

■ F.D. COOK and J.A. ROBERTSON, Professors of Soil Science, are conducting research in soil microbiology and soil fertility respectively, while on their sabbatical leaves for one year. Dr. Cook is located at the Pacific Forest Research Centre, Victoria, British Columbia, and Dr. Robertson is at the Macauley Institute of Soil Science, Aberdeen, Scotland.

■ HELEN NISKALA and PAULINE KOT, Associate and Assistant Professor of Nursing respectively, attended a three-day workshop for nurse-educators sponsored by the Council for Baccalaureate and Higher Degree Programs

of the National League for Nursing. The workshop was held in Denver, Colorado.

■ GERALD REDMOND, Assistant Professor of Physical Education, has been invited to give the Maxwell Howell Address at the Third Annual Convention of the North American Society for Sport History in Boston, Massachusetts next April.

■ NAOMI HERSOM, Professor of Elementary Education, was project co-ordinator for a two-year school program evaluation project undertaken in Alberta in co-operation with the Interprovincial School Evaluation Project. The program was established to encourage and assist schools in evaluating their programs by identifying and making available materials, techniques, and resource people that would help the schools to undertake their own internal evaluations of specific programs. Findings have recently been submitted to the Alberta Advisory Committee for Educational Studies.

■ SHARON ABU-LABAN, Lecturer in the Department of Sociology, presented a paper at the 1974 meetings of the Association of Arab-American University Graduates in Cleveland, Ohio, and another at the 1974 meetings of the Canadian Association on Gerontology held in Winnipeg.

■ GARY OLSON, Sessional Lecturer in the Department of Art and Design, has been awarded the Dunton Purchase Prize (the only award) at the Canadian Printmakers' Showcase, Carleton University, 1974. The citation reads: "The lithograph, 'Giraffe's head' by Gary Olson met with the standards of visual impact, good draughtsmanship and technique. It was the immediate and undisputed choice by the jurors for the Dunton Purchase Award." Eighty-three prints were exhibited from a total submission of 712. Eleven of these were by staff and students of the Department of Art and Design.

■ W. JULE, Assistant Professor of Art and Design, recently received the Canadian Society of Graphic Art's highest award, the C.W. Jeffrey Award. The jurors accepted only 62 prints from a total submission of 436; five of these were by staff and graduate students of this University who also earned two out of the five honors awarded.

■ A.H. QURESHI, Professor of English, gave a paper at the annual meeting of the Philological Association of the Pacific Coast held recently at San Diego, California.

■ WALTER JUNGKIND, Professor of Art and Design, recently attended an international seminar on the design of letterforms and symbols in Basel, Switzerland, which was organized by the Association Typographique Internationale in conjunction with ICOGRADA. Professor Jungkind was chairman of the summing-up session. On his return he was invited to attend a meeting for the

# † FIGHT THE † LUNG CRIPPLERS

Emphysema Asthma Tuberculosis Chronic Bronchitis Air Pollution



## USE CHRISTMAS SEALS

It's a matter of life and breath.

founding of a new graphic design society of Canada, sponsored by the Office of Design, Department of Industry, Trade and Commerce, at the National Conference Centre in Ottawa, where he was elected chairman of the Education Committee.

■ PETER BARTL, Assistant Professor of Art and Design, also was invited to attend the above meeting as a representative of the new Alberta Communication Design Society. He was elected to serve on the National Membership Committee.

## NOTICES

### ETS ANNOUNCES BUS ROUTE CHANGES

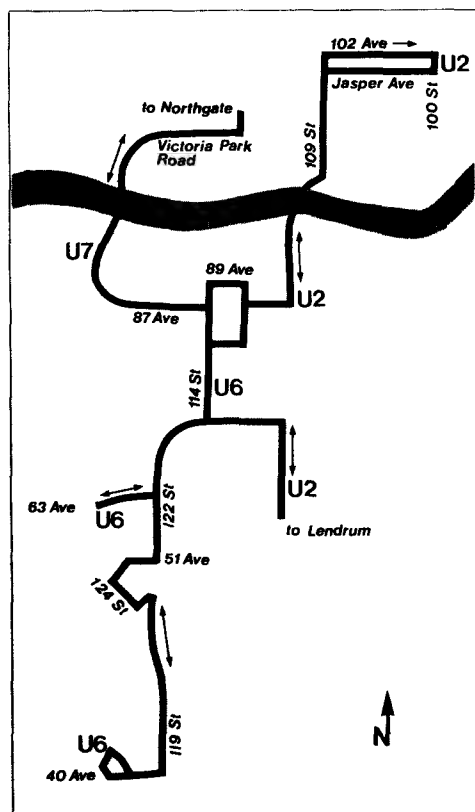
The Edmonton Transit System has announced changes in routings and/or schedules for its University service. The changes are listed below (only route changes are shown on the maps). Those routes not mentioned remain the same.

U2: operates via the High Level Bridge to 100 Street and Jasper Avenue.

U5: uniform arrival time of eight minutes and 38 minutes after the hour, all day.

U6: operates from Aspen Gardens to the University only.

U7: replaces U6 from the University to Northgate.



### THEATRE CHRISTMAS CARDS

The University's Studio Theatre is marking the occasion of its twenty-fifth anniversary by offering a set of Christmas cards featuring scenes from its past repertory.

The cards are sold in sets of 10 (featuring five different plays) at \$2.95. They are available from the Bookstore in the Students' Union Building or the Department of Drama offices, 3-146 Fine Arts Centre.

### FILM LISTS AVAILABLE

The Canadian Film Institute has available a number of film lists and catalogues ranging in price from no charge to \$1.50. The catalogues cover the National Science Film Library, the Film Study Collection, special subjects, and special libraries. Subject lists also are available.

Additional information may be obtained from the Institute, 1762 Carling, Ottawa, Ontario K2A 2H7.

### MEDLINE INFORMATION

MEDLINE (Medical Literature On-Line) is a computerized information retrieval system based on the printed Index Medicus from 1969 to date.

The Medical Sciences Library has been doing on-line searches of the data base since March 18, 1974. Free searches were offered to faculty members, graduate students, and physicians practising in the province from March 18 to April 30. During this time about 300 searches were done.

Since May 1, the charge for a search has been \$10 per retrospective search and \$5 per monthly up-date. To date approximately 160 retrospectives and 30 monthly up-dates have been done. Most users have expressed satisfaction with the service.

Because the cost of operating the terminal has increased considerably since its installation it is necessary to make an additional charge of \$5 for searching the backfiles (1969-1971) starting immediately. The cost of a search of the literature from January 1972 to date will be \$10. The latter file contains 630,700 references as of November 1, 1974 so, in most cases, it should provide a satisfactory search.

### GENERAL FACULTIES COUNCIL VACANCIES

The Nominating Committee of General Faculties Council is seeking nominations for the following vacancies:

#### Alberta Council of Universities

Nominations are requested for two persons to be elected by General Faculties Council to serve on the Alberta Council of Universities in accordance with a motion approved by GFC January 28, 1974.

#### GFC Timetabling Policy Committee

A vacancy exists for one member of the academic staff of the Faculty of Arts or the

Faculty of Science to serve on the Timetabling Policy Committee.

Those who have suggestions for nominations or who are interested in serving on either of the above committees are requested to contact the Secretary of the Nominating Committee, MRS. P. CAMPBELL, 2-1 University Hall, 432-4965.

### CHRISTMAS DECORATIONS NEEDED

The Non-Academic Staff Association has once again decided to forego a party for members' own children, donating money instead to the Boyle Street Community Co-op for a party for less privileged children.

NASA understands that the community is very short of tree and room decorations and donations of these would be gratefully received. If members have any unwanted decorations stored away, would they please deliver them to the NASA office, 841 General Services Building.

## THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

### 12 DECEMBER, THURSDAY

#### French Film Series

7:30 p.m. *Le Beau Serge* (1958), directed by Claude Chabrol. 013 Collège Universitaire Saint-Jean, 8406 91 Street. Admission free.

### 13 DECEMBER, FRIDAY

#### Student Cinema

And 14 December, Saturday. 6:30 and 8:45 p.m. Joanne Woodward in *Summer Wishes, Winter Dreams*. Students' Union Theatre. Advance tickets \$1 at SUB Information Desk to Students' Union members only. \$1.50 at the door.

#### Concert

8 p.m. Second in series of four concerts by Department of Music featuring Beethoven's Sonatas for Violin and Piano, played by LAWRENCE FISHER, violin; HELMUT BRAUSS, piano. Sonata op. 24, "Spring;" Sonata op. 12, no. 2 in A Major; Sonata op. 12, no. 3 in E-flat Major. Convocation Hall. Admission free.

### 14 DECEMBER, SATURDAY

#### L'Alliance Française d'Edmonton

4 p.m. Arbre de Noël. Collège Universitaire Saint-Jean, 8406 91 Street.

#### Faculty Club

Lower area closed for private Christmas party.

*Upstairs.* Regular dinner menu served 6 to 10 p.m. Entertainment by Cameron & Co.

#### The Richard Eaton Singers

*And 15 December, Sunday.* 8 p.m. Johann Sebastian Bach's *Christmas Oratorio* conducted by LARRY D. COOK. RITA SMYTH, soprano; WOLFGANG OESTE, tenor; MERLA AIKMAN, mezzo-soprano; GLYN WILLIAMS, bass. Concert master BRODERYCK OLSEN. All Saints' Cathedral, 10035 103 Street. Admission \$3, senior citizens and students \$2.

### 15 DECEMBER, SUNDAY

#### Gymnastics

2 p.m. The Bounders' Third Annual Christmas Show. Demonstrations by the pre-Bounders who have been gymnasts only since September, and displays by those who have been preparing themselves for the Winter Games Trials. Dance Gym, E-19 Physical Education and Recreation Centre.

#### Student Cinema

6 and 8:45 p.m. *Lady Sings the Blues* (adult—not suitable for children. Warning: contains drug addiction sequences and some coarse language). Students' Union Theatre. Advance tickets \$1 to Students' Union members only at SUB Information Desk. \$1.50 at the door.

### 16 DECEMBER, MONDAY

#### Edmonton Film Society

8 p.m. *Male and Female*, directed by Cecil B. deMille, starring Gloria Swanson (1919, silent). Classic series. Tory Lecture Theatre.

### 18 DECEMBER, WEDNESDAY

#### Faculty Club

*Downstairs.* Family night. Hot turkey sandwiches, Christmas salads, mince tarts. Adults \$3.25, children \$1.75. A puppet show will be given by DON MILLS.

### 20 DECEMBER, FRIDAY

#### Faculty Club

*Downstairs.* TGIF—Cheese fondue, salads, fruit fondue. \$3.  
*Upstairs.* Fresh lobster. \$10.

### 21 DECEMBER, SATURDAY

#### Faculty Club

Lower area closed for private Christmas parties.  
*Upstairs.* Fresh lobster. \$10. Entertainment by Cameron & Co.

#### Edmonton Symphony and Chorus

8:30 p.m. *And 22 December, Sunday at 2:30 p.m.* Choral conductor: JOHN BARNUM; soloists: DIANNE LOEB and YOLANDE DESLAURIERS. Program: Gloria, Vivaldi; Symphony

no. 1, Beethoven; two solos from The Messiah, Handel; Andante from The Christmas Cantata, Scarlatti; The Hallelujah Chorus, Handel. Jubilee Auditorium.

### EXHIBITIONS AND PLAYS

#### Edmonton Art Gallery

*Until 16 December.* "R.B. Nevitt, watercolors," a pictorial history of the RCMP by one of its members.

*Until 29 December.* "Alberta realists."

*13 December to 15 January.* "H.G. Glyde retrospective."

*15 December to 14 January.* "L.A. Reynolds." New sculpture by a rising young artist.

#### Theatre 3

*Until 29 December.* Curtain times: 12 to 22 December: evenings at 8:30; Saturdays, 7 and 10:30 p.m.; Sundays, 2 and 7:30 p.m.; 23 to 29 December inclusive: 2 and 5 p.m. No performance 16 December or Christmas Day. *Alice Through the Looking Glass*, adapted and directed by JIM DE FELICE, designed by RICHARD ROBERTS; original score by LARRY REESE; the Alberta Contemporary Dance Theatre. Centennial Library. Tickets from McCauley Plaza Box Office, 422-4411.

#### Citadel Theatre on Wheels

*18 to 28 December.* On main stage. *Tales from Everywhere* and *The Rainstone*. A program for the whole family. Performances mornings and afternoons. Admission: adults \$1.50, children 75 cents. Citadel Theatre, 10026 112 Street.

#### Citadel Theatre

*Until 4 January.* Curtain times: 8:30 p.m.; Saturday matinees 2:30 p.m. Cole Porter's *Anything Goes*. 10026 102 Street. For tickets call 424-2828.

## GRADUATE SCHOLARSHIPS AND AWARDS

*Notices regarding other awards and scholarships are posted in the Student Awards Office, 219 Central Academic Building. All inquiries should be directed to L. HENDERSON, Administrator of Student Awards, 432-3495.*

#### Imperial Chemical Industries

##### Postdoctoral Research Fellowships

*Value:* depending on age and experience, but generally within the range of £2,100 to £2,700 per annum, fellowships being tenable for two years. *Where tenable:* the Universities of Aberdeen; Aston, Birmingham; Bath; Queen's, Belfast; Birmingham; Bradford; Bristol; Brunel University; Cambridge; City University; Cranfield Institute of Technology; Trinity College, Dublin; Dundee; Durham; East Anglia; Edinburgh; Essex; Exeter; Glasgow; Heriot-Watt; Hull; National University of Ireland; Keele; Kent; Lancaster; Leeds; Leicester; Liverpool; London; Loughborough University of Technology; Manchester (including University of Manchester Institute of Science and Technology);

Newcastle; Nottingham; the Open University; Oxford; Reading; St. Andrews; Salford; Sheffield; Southampton; Stirling; Strathclyde; Surrey; Sussex; Ulster; Wales; Warwick; York. European research centres will also be considered. *Field of study:* any field relevant to ICI's own research interests: chemistry, physics, biological and medical sciences, applied mathematics, and technology. *Conditions:* candidates should be not more than 28 years of age and should hold the PhD degree or have equivalent research experience. *Date of tenure:* October 1, 1975. *Closing date:* January 31, 1975. *Write to:* the Registrar/Secretary of the university at which the candidate wishes to pursue his studies (Academic Registrar at London University). Those interested in European research centres should write to Dr. D.C. Moore, Research and Development Department (Academic Liaison), Thames House North, Millbanks, London SW1P 4QG.

#### ITT International Fellowship, 1975-76

*Value:* round-trip air transportation; tuition and fees; books and academic supplies; medical insurance; and monthly stipend for room, board, and personal incidentals. No provision is made for dependents. Other scholarships and grants may not be held concurrently. *Number, type, and where tenable:* one fellowship for graduate study in a program leading to a master's degree, in the United States. *Field of study:* social sciences, humanities, business administration, engineering. *Duration:* academic year 1975-76. Award may be renewed for a total grant of up to 21 months if needed to complete requirements for a master's degree. *Eligibility:* candidates must be citizens and permanent residents of the country from which they are applying; be under 30 years of age; hold a bachelor's degree; have completed the majority of their secondary and higher education in the country from which they are applying; be proficient in English; be interested in completing a terminal master's degree. *Method of application:* application may be made only to Mr. L. Henderson, Student Awards Office, 219 Central Academic Building, The University of Alberta, Edmonton, Alberta T6G 2E1. *Closing date:* January 10, 1975.

#### The Soil Conservation Society of America

##### Scholarships in Conservation, 1975-76

*Value:* 20 scholarships of \$500 each will be awarded. Eighteen scholarships will be allocated on the basis of two for each SCSA region. Two \$500 scholarships will be awarded at large. *Objective:* funds for these scholarships are provided by Ray Gildea, Jr., a member of SCSA. The scholarships are granted to encourage qualified students to increase their interest in conservation, to obtain technical competence in some phase of conservation, and to pursue a career in this area of endeavor. *Eligibility:* candidates (1) must have successfully completed or will complete by the award date two years of study in an accredited college or university, (2) must be an undergraduate enrolled in a curriculum of an agricultural nature or otherwise related to natural resource conservation. Past scholarship recipients have been enrolled in courses of study including: agronomy, soil science, range management, forestry, geography, journalism, agricultural education, and wildlife management. Other areas related to conservation also may qualify. *Write to:* Soil Conservation Society of America, 7515 NE Ankeny Road, Ankeny, Iowa, USA 50021. *Closing date:* May 15, 1975. The announcement of the awards will be made in August 1975.

#### Thailand Fellowships Within the UNESCO

##### Program, 1975-76

*Value:* 20,000 bahts (approximately \$1,000) per annum. The amount of the fellowship is sufficient for the maintenance of one person only and does not include travel expenses or the support of the Fellow's dependents. *Number:* six offered world-wide. *Duration:* one year. *Field of study:* unrestricted graduate

research. *Conditions:* available to nationals of all countries. Candidates must hold at least the bachelor's degree, except when the research is in fine arts, in which case the candidate must submit a recommendation from a Canadian art school or institution recognized by the Association of Universities and Colleges of Canada. There is no age limit, but candidates should be mature persons who are of scholarly or professional status in any given field. They must have a good knowledge of either the English or Thai languages and must return to their own countries upon completion of the award. *Where tenable:* Chulalongkorn University; Kasetsart University; Thammasat University; Bangkok Institute for Child Study; University of Fine Arts; University of Medical Sciences. *Write to:* Director of Awards, Association of Universities and Colleges of Canada, 151 Slate Street, Ottawa, Ontario K1P 5N1. *Closing date:* December 31, 1974.

#### Nursing Scholarship Fund

A scholarship fund of up to \$1,000 per year has been established by The University of Alberta Hospital's Board of Directors. The fund was formulated in recognition of the recent fiftieth anniversary of The University of Alberta and University Hospital Schools of Nursing. The scholarship will be awarded annually to a graduate of the University Hospital School of Nursing who is attending a full-time graduate or postgraduate program at any university.

#### Canada-Britain Scholarship Foundation

The Canada-Britain Scholarship Foundation announces that the application deadline for its postgraduate scholarship in the humanities and social sciences, tenable in the United Kingdom, will be January 15, 1975. One award will be granted for 1975-76 with a value of \$4,000. Application forms may be obtained from the Foundation at PO Box 122, Toronto Dominion Centre, Toronto, Ontario M4K 1H1.

## POSITIONS VACANT

### ACADEMIC POSITIONS

#### Administrative/Professional Officer I

##### Department of Microbiology

*Duties:* (1) teaching responsibilities (introductory microbiology program); (2) responsibility for all departmental administrative/computing services; (3) responsibility for development of departmental analytical services. *Qualifications:* microbiologist with strong chemical training. BSc, MSc. *Salary:* to \$12,592. *Apply to:* Chairman, Department of Microbiology, M-330 Biological Sciences Centre, The University of Alberta, Edmonton, Alberta T6G 2E1.

### NON-ACADEMIC STAFF

*Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (121 Administration Building) will provide details to interested persons, who are not to approach directly the department advertising the vacancy.*

Clerk Typist I (\$406-\$501)—University Health Service

Clerk Typist II (\$439-\$545)—Office of the Comptroller; Purchasing; Personnel Services and Staff Relations

Clerk Steno III (\$521-\$647)—Extension; Rehabilitation Medicine (2 positions); Secretariat; Institute of Law Research and Reform; Mineral Engineering; Paediatrics; Soil Science

Switchboard Operator (\$458-\$568)—Telephone Utilities

Bookkeeper I (\$439-\$545)—Extension

Administrative Clerk (\$620-\$775)—Physics

Secretary (\$594-\$742)—Pathology

Programmer III (\$887-\$1,116)—Administrative Systems

Electron Microscope Technician I (trust) (\$620-\$775)—Anatomy

Research and Planning Analyst III (\$708-\$887)—Institutional Research and Planning

Bacteriology Technologist I (\$647-\$810)—Provincial Laboratory (2 positions)

Programmer II (\$742-\$929)—Administrative Systems

Electronics Technician I (\$647-\$777)—Chemistry

Applications Analyst (\$810-\$1,018)—Computing Science

Computer Assistant (\$458-\$568)—Computing Services

Electronics Technician III (\$929-\$1,169)—Physics

Laboratory Assistant I (\$406-\$501)—Provincial Laboratory

Biochemistry Technician II (trust) (\$708-\$887)—Biochemistry

Accounts Clerk III (\$708-\$887)—Office of the Comptroller

Control Clerk (\$568-\$708)—Office of the Registrar

## PERSONAL NOTICES

*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 10 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. ADS MUST BE PAID IN ADVANCE. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

### Accommodation available

HILLSIDE PLAZA APARTMENT HOTEL—Furnished accommodation monthly, weekly, or daily, with full kitchen, dishes, color TV, maid service, 24-hour phones and ample parking. 9730 106 Street, Edmonton; 429-3353.

FOR SALE—First class country acreages. (1) West end, 4.46 acres. Priced to sell at \$16,500, large existing 11% mortgage. (2) East end, 3.27 acres. Priced at only \$12,900, existing 9½% mortgage. Call Dale 475-9806 or Mike 454-7664, Country and Western Realty Ltd. 425-9915.

FOR SALE BY OWNER—Windsor Park bungalow, two bedrooms and den, large living and dining area, two bedrooms and finished rec room in basement, double plumbing, front driveway, double garage, 439-2512.

THINKING OF SELLING YOUR HOME—Interested in today's market value? Call now for a free evaluation. Buxton Real Estate, 436-1140; Ross Lizotte 433-7236 or Linda Gardiner 436-0949.

FOR SALE—Attention investors—Spruce Grove. Two side by side duplexes situated on 113' x 140' corner lot. Large existing mortgage at 10%. Package deal priced at only \$59,800. Call Dale 475-9806, Mike 454-7664; Country and Western Realty Ltd. 425-9915.

FOR RENT—Charming older two-storey home near University, January possession \$350. FOR SALE—Riverbend four-bedroom split-level, old brick fireplace. January possession \$69,500. For information call Eleanor Duncan, Potter Realty 436-3050, 434-7368.

FOR SALE—Attractive English home. Spacious, Tudor style, four-bedroom, in Westcliff, Essex. Two blocks from railway station, 50 minutes from London. Asking \$65,000. Details available 434-6568, 432-5981.

FOR RENT—Belgravia, three-bedroom furnished house with finished basement, garage, fenced yard. \$275/month. Available December 1, 1974 through April 30, 1975. Telephone 432-5884; after 5 telephone 484-8965.

FOR SALE—Windsor Park. 1,700 sq. ft. executive bungalow with many extras, including finished basement, air conditioning, underground sprinkler system, two-car garage, and large lot. Call Maggie Woytkiw, Potter Realty 436-3050, residence 436-2376.

FOR RENT—in Old Strathcona Heritage Conservation Area: 3-bedroom semi-detached unfurnished house, full basement, garage. January 1 occupancy. \$240/month. 424-6927.

FOR RENT—Grandview, two-storey, four-bedroom home, furnished, all appliances, six months commencing January 1975. 433-8585 or 434-4857 evenings.

### Goods and services

NOW BOOKING HAY/SLEIGH RIDES, bonfires available.

Two miles west, one mile south of Ellerslie. Telephone 434-3835.

TRAVEL AGENCY—Edmonton's oldest agency has opened a branch in HUB to serve you. We are accredited agents for all airlines, so there is no charge for our services. Domestic or international. Try your own personal agency. Holiday Travel, HUB building, telephone 433-2494.

REGISTER NOW—for two-, three-, four-, five-, and six-week 1975 charters to Britain and Frankfurt. Commencing end of April. Contact Iris Rosen at 488-8181.

PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 465-7079 anytime.

UNICEF GREETING CARDS—on sale at Art Mart, 10154 103 Street; Woodward's; Bateman stores; Andy's Valleyview IGA; and India Imports, Westmount.

HUB BEAUTY SALON—9012 112 Street, 433-0240. Virginia has joined our staff; she's taken advanced styling in Toronto and Calgary, and was a winner in 1973 Alberta Open competitions. Mrs. Hayduk holds an award in body wave. Lynn is back by request. We specialize in men's and women's hairstyling, cutting.

FOR SALE—Vilas maple armchair and coffee table; lamps; New Yorker lounge; mate's chair; aluminum toboggan, etc. 436-1370.

FOR SALE—Sheepskin size 14, telephone 435-5977.

FOR SALE—Like new, Phillips solid state stereo record player, twin speakers, amplifier, turntable, headset. New muskrat fur coat, ¾ length, size 13. Best offers. Telephone 432-3412, evenings 434-9366.

WANTED BABYSITTER—for three-month baby, near University, your home weekdays, 436-2479.

FOR SALE—Great for the kid's room. Compact, nice looking stereo phonograph, GE solid state. Almost new, \$30. 436-1410 after 5 p.m.

for a green Christmas

# The Plant Cupboard

Fine plants and accessories

Open Thursday and Friday evenings

HUB Mall 433-4342